



Annual Performance Report Form

Facility Name: Bridgestone/Firestone South Carolina Company

Performance Track ID #: A04-0041

Annual Performance Report #: 1

Reporting Year: 2001

Due Date: April 1, 2002

Section A

General Facility Information

To the extent possible, EPA will pre-complete items A.1-A.8 for you. Please ensure that the information in A.1-A.8 below is accurate, complete, and up to date. Please supply or revise any information as necessary and then check the box to the left of the item(s) to indicate where changes have been made. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

Did you make changes? If so, check box.

- A.1 ☐ Name of your facility: Bridgestone/Firestone South Carolina Company
- A.2 ☒ Name of your parent company: Bridgestone/Firestone North American Tire Company, LLC
- A.3 ☐ Facility contact person for the Performance Track program:
Name: Mr./Mrs./Ms./Dr. Ms.
Title: Environmental Engineer
Phone: 803-232 2050 Fax: 803-663-1436 E-mail: BowieToi@bfusa.com
- A.4 ☐ Facility's location: Aiken County, South Carolina
Street Address: # 1 Bridgestone Parkway
Street Address (cont.):
City/State/Zip Code: Graniteville, South Carolina 29829
- A.5 ☐ Facility's website address (if any):
- A.6 ☐ Number of employees (full-time equivalents) who currently work in the facility:
☐ Fewer than 50 ☐ 50 - 99 ☐ 100 - 499 ☒ 500 - 1000 ☐ More than 1000
- A.7 ☐ Does your company meet the Small Business Administration definition of a small business for your sector? ☐ Yes ☒ No
- A.8 ☐ North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility: 32611
- A.9 ☐ In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities? If so, please list them in the space below. ☐ Yes ☒ No
- A.10 ☐ Please update the list of environmental requirements that apply to your facility. In the space below, indicate any changes that have taken place during this reporting period. If you have no changes to report, please write "No changes."
No Changes

Section B

Environmental Management System

B.1 Environmental Management System Assessment. Please summarize EMS assessments conducted *during the year*. Attach additional sheets as necessary.

a. Was an EMS audit or other assessment done by an independent third party?

☒ Yes ☐ No

If yes, please provide the *type* (e.g., ISO 14001 certification), the *scope*, and the *dates* (mo/yr) of each assessment.

Two ISO 14001 Surveillance Audits were performed during 2001 by Lloyd's Register Quality Auditors (LRQA). The first was conducted March 2001 (scope was Final Finishing, Engineering/Maintenance and Medical) and the second audit was conducted in August 2001 (scope was Powerhouse, MRC Lab and PE Lab).

b. Was an internal or corporate EMS audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit.

Internal audits are completed throughout the year by the ISO 14001 Implementation Team. Each area of the plant was audited at least once during the year.

c. Was a compliance audit conducted? ☒ Yes ☐ No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit, and indicate *who* conducted the audit(s) (e.g., facility staff, corporate groups, third party).

A compliance audit was conducted in March 2001. The audit was conducted by the Environmental Engineer from our sister plant in LaVergne, Tennessee. The compliance audit covered air, hazardous waste, solid waste, universal waste and water.

d. (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.

Annual inspections were conducted in June by the Aiken County Pretreatment Authority and in September by South Carolina's Department of Health and Environmental Control (DHEC) Bureau of Air Quality. No items of concern were noted from either inspection.

Section B

(continued)

B.1

e. Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audits.

Standard calibration equipment was calibrated in the range of 0" H₂O to 20" H₂O. This is the same range found on the magnehelic gauges used to verify dust collector and mist eliminator effieeceincy.

A complete record of the Annual Environmental Management Review was maintained per ISO 14001 EMS Standard to include: a list of attendees, presentation materials, a summary of conslusions reached with noted improvement activities and responsibilities signed off by the Plant Manager.

f. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?

☐ Yes ☒ No ☐ No such instances identified

If no, please explain your plans to correct these instances. Improvement note regarding a complete record of the Annual Environmental Management Review was corrected during the Management Review conducted in January 2002.

g. When was the last Senior Management review of your EMS completed? *mo/yr* 1/01

Who headed the review?

Name: Mr./Mrs./Ms./Dr. Mr. Steve Brooks

Title: Plant Manager

*Management Reviews are conducted yearly, most current conducted in January 2002.

Section B

(continued)

B.2 ISO 14001 Certification. Is your facility currently certified to ISO 14001? ☒ Yes ☐ No

B.3 Environmental Aspects Identification. When did your facility last conduct a systematic identification and/or review of your environmental aspects? *mo/yr* 12/01

B.4 Progress Toward Achieving Objectives and Targets. In the table below, please provide a narrative summary of progress made toward EMS objectives and targets. **You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the *reporting year*.** In cases where progress relates specifically to a Performance Track performance commitment, complete the *Environmental Aspect* column, but in the *Progress* column simply refer to the performance commitment tables in Section C, i.e. "See Section C." Attach additional sheets as necessary.

<i>Environmental Aspect</i>	<i>Progress Made This Year</i> (e.g., quantitative or qualitative improvements, activities conducted)
Energy Usage	See Section C
Total Solid Waste Landfilled	See Section C
Solvent Usage	Consistently stayed below permitted limit of 2.25 tons/mth of VOCs from solvent usage as tire production increased. BFSC averaged 1.72 tons/mth in 2001.
Emissions of Toxics (HAPs)	Maintained conditionally exempt small quantity generator status by continually generating less than 220 lbs of Hazardous Waste/mth. BFSC generated an average of 183 lbs/mth in 2001.
Total Waste Recycled	Prevented 46% of all waste generated onsite from being landfilled by sending scrap materials to other manufacturers for reprocessing or recycling. This includes scrap tires, rubber shavings, used oil, polyethylene film, metal, cardboard, white paper and aluminum cans.
Recycled Material Back into Process	See Section C

Section C

Environmental Performance Commitments

Please use the tables on pages 6-9 to summarize your facility's environmental performance against your Performance Track performance commitments. Complete only those boxes related to the baseline, current year, and performance commitment. If any of the boxes have been pre-completed for you, please verify the information. If you find information that is incorrect, cross it out and write in the correct information. **Leave blank any columns for future reporting years.**

C.1

Performance Commitment 1

a. Use this table to report data related to your first performance commitment.

Category (see page 16 of the instructions): Waste

Aspect (see page 16 of the instructions): Total Solid Waste Landfilled

	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	16,812,684	9,049,820			(optional)
<i>Measurement Units</i>	lbs of waste landfilled				
<i>Normalizing Factor*</i>	1.0	1.04			(optional)
<i>Basis for your Normalizing Factor*</i>	Annual tire production				
<i>Normalized Quantity* (per year)</i>	16,812,684	8,701,750			14,010,570

*See pages 17-19 of the instructions for more information

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Reduction of scrap and waste generation was by setting line-driven waste reduction goals for each department, crew and machine. In addition, we continuously looked for opportunities to reduce landfilled waste material, be actively finding markets interested in using our waste for reprocessing or recycling.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

None.

Section C

(continued)

C.2

Performance Commitment 2

a. Use this table to report data related to your second performance commitment.

Category (see page 16 of the instructions): Energy Use					
Aspect (see page 16 of the instructions): Total Energy Use					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	1,782,430	913,329			(optional)
<i>Measurement Units</i>	MMBtu				
<i>Normalizing Factor*</i>	1.0	1.16			(optional)
<i>Basis for your Normalizing Factor*</i>	Annual adjusted weight (Mlbs) of total rubber processed (including rubber processed for other facilities)				
<i>Normalized Quantity* (per year)</i>	1,782,430	787,353			1,598,041
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.
Improvements were made by improving preventative maintenance and various leak reduction initiatives in the curing process.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).
None.

Section C

(continued)

C.3

Performance Commitment 3

a. Use this table to report data related to your third performance commitment.

Category (see page 16 of the instructions): Materials Use					
Aspect (see page 16 of the instructions): Recycled/Reused Material					
	<i>Baseline</i> (as stated in your application)	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment</i> (the goal stated in your application)
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity</i> (per year)	123,613 (.12%)	495,268 (.23%)			480,000(.36 %) (optional)
<i>Measurement Units</i>	Lbs recycled material used back in rubber mix/yr (% lbs/yr)				
<i>Normalizing Factor*</i>	1.0	1.6			(optional)
<i>Basis for your Normalizing Factor*</i>	Annual lbs of rubber mixed				
<i>Normalized Quantity*</i> (per year)	123,613	309,543			480,000(2.7 %)
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Expanded the use of recycled materials through raw materials substitution.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

None.

Section C

(continued)

C.4 Performance Commitment 4

a. Use this table to report data related to your fourth performance commitment.

Category (see page 16 of the instructions): Air Emissions					
Aspect (see page 16 of the instructions): Emissions of Toxic (HAP reduction from the use of cements, inks, paints and thinners)					
	<i>Baseline</i> (as stated in your application)	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment</i> (the goal stated in your application)
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity</i> (per year)	4.40	1.8			2.0 (optional)
<i>Measurement Units</i>	Tons of HAPs emitted from the use of cements, inks, paints and thinners				
<i>Normalizing Factor*</i>	1.0	1.04			(optional)
<i>Basis for your Normalizing Factor*</i>	Annual tire production				
<i>Normalized Quantity*</i> (per year)	4.40	1.73			2.0
*See pages 15-17 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.
Having difficulty substituting thinners and paints with HAP-free materials that will meet customers needs. We are continuing to work with vendors to run trials on different mix formulations. We were successful in eliminating HAP containing stamping ink and make up solution.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).
None.

Section D

Public Outreach and Performance Reporting

D.1

Please briefly summarize the public outreach and reporting activities that your facility has conducted during the year. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements).

BFSC hosted a variety of tours throughout the year for state and local politicians in addition to, suppliers, customers and civic groups. Some of our tours included the State of South Carolina's Occupational Safety and Health Association, Honda, Daimler Chrysler and the Shingo Audit Committee.

BFSC Team Members participated in several team events and projects in the community including the American Heart Walk, March of Dimes' Walk of America, United Way's Project Vision and American Cancer Society's Relay for Life. The list of community organizations that BFSC has supported financially and with our time and talents numbers over 40. We successfully collected nearly 10 tons of food for needy families in the Area, surpassing our previous total of 3 tons. However, we are especially proud of our participation in the Savannah River Site's Recycle America Day (Sept) where we constructed a 60 X 100 ft American Flag from crushed aluminum cans. and the nearly 10 tons of food we collected for needy families in our area.

BFSC also founded a Technical Scholars Program with Aiken Technical College in near by Aiken County. The program is a two to three-year program that enables qualified students to obtain an associate degree. The participating scholar attends class up to twenty hours per week and works at BFSC fifteen to twenty-hours per week. BFSC covers the costs of the scholar's books, tuition and lab fees. In addition to an hourly wage, BFSC provides additional training and selected fringe benefits.

D.2

Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Performance Report available to the public. Please check as many as are appropriate.

☐ Website (URL)

☐ Open House

☒ Meetings

☒ Press Releases

☐ Community Advisory Panel

☒ Other Results Sharing Bi-weekly Publication and TargetVision

Section E

Self-Certification of Continued Program Participation

On behalf of Bridgestone/Firestone South Carolina Company,
(name of my facility)

I certify that

- ◆ I have read and agree to the terms and conditions specified in *the National Environmental Performance Track Program Guide*. This facility, to the best of my knowledge, continues to meet all program criteria;
- ◆ I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- ◆ My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- ◆ My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance; and
- ◆ Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date _____

Printed Name Mr./Mrs./Ms./Dr. Mr. Wada

Title Plant Manager

Phone Number/E-mail Address (803) 232-2037

Facility Name Bridgestone/Firestone South Carolina Company

Facility Street Address #1 Bridgestone Parkway

Performance Track Identification Number A04-0041

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 188 hours per respondent annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.